

REMARKS/ARGUMENTS

After the foregoing Amendment, Claims 1-3, 5, 18-36 are currently pending in this application. Claims 4, 6-17, and 37-38 have been canceled without prejudice. Claim 1 has been amended to incorporate the limitations of claims 6 and 7. Applicants submit that no new matter has been introduced into the application by these amendments.

Claim Rejections - 35 USC § 102

Claims 1-9, 13-24, 32, and 34-38 stand rejected under 35 USC 102 as being anticipated by UK Patent No. GB 2349309 (Lipperer et al.).

Claims 4, 6-17, and 37-38 are canceled without prejudice. Claims 6 and 7 are incorporated into claim 1, such that amended claim 1 now corresponds to original claim 18.

Independent claims 1, 8, 18 and 37 are rejected as being anticipated by Lipperer. The applicants disagree.

Claims 1 and 18 include limitations wherein both transceiver I and Q signals are multiplexed onto a common connection pin of the radio integrated circuit. In contrast, Lipperer fails to disclose this multiplexing scheme. Instead, as shown in FIG. 2 of Lipperer, each multiplexed line carries either a bidirectional I signal or a bidirectional Q signal. This is evident as Lipperer discloses that the circuit shown in

FIG. 2 includes means for halving the number of required pins than those as shown in a conventional circuit depicted in FIG. 1 (page 11, lines 10-14).

Claims 2-3, 5 are dependent upon claim 1, which the Applicants believe is allowable over the cited prior art of record for the same reasons provided above.

Claims 19-36 are dependent on claim 18 either directly or indirectly, which the Applicants believe is allowable over the cited prior art of record for the same reasons provided above.

Based on the arguments presented above, withdrawal of the 35 USC 102 rejection of claims 1-3, 5, and 18-36 is respectfully requested.

Conclusion

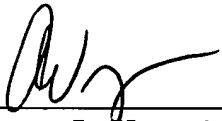
If the Examiner believes that any additional minor formal matters need to be addressed in order to place this application in condition for allowance, or that a telephone interview will help to materially advance the prosecution of this application, the Examiner is invited to contact the undersigned by telephone at the Examiner's convenience.

Applicant: Sugar et al.
Application No.: 10/707,447

In view of the foregoing amendment and remarks, Applicants respectfully submit that the present application, including claims 1-3, 5, and 18-36, is in condition for allowance and a notice to that effect is respectfully requested.

Respectfully submitted,

Sugar et al.

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